CYBERCAMP INSTRUCTIONAL ACTIVITY SCHEDULE

School Division(s): __Danville Public Schools__ **School:** __George Washington High School__

Camp Begin Date: __June 6, 2016__ **Camp End Date:** __June 21, 2016__ **Days of Week:** __Monday – Thursday__

Daily Instruction Begin Time: __8:00 a.m.__ **Daily Instruction End Time:** __3:30 p.m.__ **Specify alternate schedules below:**

Lunch Period (begin/end): __12:00 – 12:30 p.m.__ **Total instructional hours including guest speaker(s) field trip(s) and culminating**

Enrollment: __25 (20 to date)__ **activity:** __None, unless tours to Microsoft & Cisco (still tentative) run over__

WEEK 1 -- JUNE 6 – 9, 2016

Monday	Tuesday	Wednesday	Thursday	Friday
7:30 BREAKFAST *8:00–9:00* Welcome, T-Shirt Distribution, Review of Camp Agenda, Ice Breaker *9:05–10:00* Pre-test – IC3 *10:00-10:10 BREAK/SNACK* *10:10-12:00* Electricity – Flashlight Activity *12:00-12:30* LUNCH *12:30-1:50* BoeBot – put together – practice using *1:50-2:00 BREAK/SNACK* *2:00-3:30* CareerSafe – start training program	*7:30 BREAKFAST* *8:00-10:00* Speaker – S Carrigan, DCC IT Director to discuss: -What is CyberSecurity -CyberSecurity Careers & Salaries -CyberSecurity Pathways -CyberSecurity & Social Media *10:00-10:10 BREAK/SNACK* *10:10 – 12:00* Practice with BoeBots – Software, Maneuvering, etc. *12-12:30* LUNCH *12:30-1:40* Cyber Ethics – Cyber Posters *1:40-1:50 BREAK/SNACK* *1:50-3:30* CareerSafe Training	*7:30 BREAKFAST* *8:00 –3:30* FIELD TRIP: Chatmoss Cable, Institute for Advanced Learning and Research, Ecomnets (tentative) and Danville Community College IT Department * *Snacks will be served between visits and at DCC. Lunch will be served at DCC.*	*7:30 BREAKFAST* *8:00-9:20* Building circuits – electrical unit *9:25-10:40* BoeBots – Tactical Navigation *10:40-10:50 BREAK/SNACK* *10:50-12* Career Exploration- Finalize/ Present Cyber Posters *12:00-12:30* LUNCH *12:30 – 1:40* Digital Citizenship-Net Neutrality – exploring norms of appropriate, responsible behavior with technology *1:40-1:50 BREAK/SNACK* *1:50 – 3:00* BoeBots – Complete Tactical Navigation Activity *3:00 – 3:30* Career Exploration – Life Journey	NO CAMP

WEEK 2 – JUNE 13 – 16, 2016				
Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
7:30 BREAKFAST *8:00-9:20* Programming: Play-to-Code Monkey.com – simple programming game *9:25 – 10:40* BoeBots - Light Sensitive Navigation *10:40-10:50 BREAK/SNACK* *10:50 – 12:00* CyberEthics – PSA Project – students develop scripts for PSA about a CyberSecurity topic *12:00-12:30* Lunch *12:30-2:45* Continue Light Sensitive Navigation *2:45-2:55 BREAK/SNACK* *2:55 – 3:30* Career Exploration – Life Journey	*7:30 BREAKFAST* *8:00-9:20* Programming with Graphic Calculators *9:30 – 10:40* BoBots – Navigating with 'Eyes' *10:40-10:50* BREAK/SNACKS *10:50 -12* Continue PSA – Create and tape *12-12:30* LUNCH *12:30 – 2:00* BoBots – Continue Navigating with 'Eyes' *2:00 – 2:10* BREAK/SNACKS *2:10-3:15* Electricity – series and parallel circuits *3:15* Reflection	7:30 BREAKFAST *8:00 – 2:00* Trip to Microsoft Company in Boyden * *2:00.-2:10 BREAK* *2:20-2:30 SNACKS/ REFLECTIONS ON TRIP* *2:30 – 3:30* Career Explorations – Life Journey ** The morning snack and lunch will be served on the Field Trip*	7:30 BREAKFAST *8:00-10:30* 'I Robot' movie & activity (Debates) *10:30-10:40 BREAK/SNACKS* *10:40 – 12:00* Practicing and testing series and parallel circuits *12:00-12:30* Lunch *12:30 – 2:50* BoeBots - Describe/begin planning for BoeBot competitions *BREAK taken as needed & SNACKS served during activity* *2:55 – 3:30* p.m. Career Explorations – Life Journeys	NO CAMP

WEEK 3 -- JUNE 20 & 21, 2016

Monday	Tuesday	Wednesday	Thursday	Friday

7:30 BREAKFAST
 	
8:00 – 9:30 Post Test – IC3
 	
9:35 – 10:20 Speaker – Maybe on Drones & Cyber Security
 	
10:20-10:30 BREAK & SNACKS
 	
10:30 – 11:10 Speaker Presentation – Continued
 	
11:10-11:20 BREAK
 	
11:20- 11:45 Students work on any unfinished projects
 	
11:45 – 12:15 LUNCH
 	
12:15 – 3:00 Prepare for Celebration
--BoeBot Competition –practicing for a Soccer competition
--CyberSecurity PSA's
-- CyberSecurity Posters
-- CyberSecurity Displays
  or Demonstrations of
  activities
Students will prepare for BoeBot Competition and select one activity they will explain or demonstrate at the Celebration.
 	
BREAK will be taken and SNACKS served in middle of activity
 	
3:00 – 3:30 Review celebration activities & agenda
	7:30 BREAKFAST
	
	8:00-10:00 BoeBot Soccer Match (all students participate) – top two teams to compete at Celebration
	
	10-10:10 BREAK & SNACKS
	
	10:10 -12:00 Students prepare &/or practice the activity they will compete in, explain, or demonstrate
	
	12:00 – 12:15 *BREAK/GREET PARENTS & VISITERS*
	
	END-OF-CYBERCAMP SHOWCASE & CELEBRATION
	
	12:15 Welcome and Lunch
	
	1:15 – 1:45 BoeBot Competition
	
	2:00 -2:45 Displays and Demonstrations of cyber security activities
	
	3:00 Final Recognitions and Awards			